

I CLAIM

CLAIMS:

1. A self replenishing, portable air supply device, comprising an air reservoir tank, one or more photovoltaic cells exterior of the air reservoir tank, a capacitor for receiving electrical power from the one or more photovoltaic cells and intermittently discharging to a solenoid, said solenoid then mechanically compressing air into the air reservoir tank.
2. Air supply device of claim 1 wherein the capacitor and solenoid are disposed inside the air reservoir tank.
3. Air supply device of claim 1 including a flashlight disposed on the air reservoir tank.
4. Air supply device of claim 1 including a self-retracting hose reel disposed on the air reservoir tank.
5. Air supply device of claim 1 including a hose pressure indicating gauge with pressure readout disposed on the air reservoir tank.
6. Air supply device of claim 1 including a manually activated valve disposed on the air reservoir tank to dispense compressed air.
7. Air supply device of claim 1 including a connector to secure the air reservoir tank in a location of use.
8. Air supply device of claim 7 wherein the connector secures the air supply device on a pick-up truck bed.
9. Air supply device of claim 1 including a one or more photovoltaic cells for location remote from the air reservoir tank.
10. A self replenishing, portable air supply device, comprising an air reservoir tank and one or more photovoltaic cells exterior of the air reservoir tank to power an air compressor pump which resides inside the tank.
11. A self replenishing, portable air supply device, comprising an air reservoir tank, one or more photovoltaic cells exterior of the air reservoir tank to provide electrical power to a power storage device, which intermittently provides electrical power to an air compressor pump.
12. The air supply device of claim 11 wherein the air compressor pump receives atmospheric air to be compressed via a check valve on the tank.

13. A method of supplying compressed air, comprising generating photovoltaic electrical power using light exterior of an air reservoir tank, storing the electrical power, and intermittently providing the stored power to an air compressor pump to pressurize the air reservoir tank.
14. The method of claim 12 including intermittently providing the stored power to an air compressor pump inside the air reservoir tank.
15. An air reservoir tank having a manually activated air dispensing valve.
16. The tank of claim 15 wherein the air dispensing valve is a pushbutton or a pivotable lever that engages the pushbutton.
17. An air reservoir tank having a flashlight thereon.
18. The tank of claim 17 wherein the flashlight provides a carry handle for the tank.
19. The tank of claim 17 including a photovoltaic cell to supply electrical power to charge the flashlight.
20. An air reservoir tank having an air dispensing hose disposed on a reel that retracts the hose when it is not in use.
21. An air reservoir tank having an air pressure gauge to display air discharge pressure in the hose.
22. An air reservoir tank having a connector by which the tank can be held in position.